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DATASHEET

(D)-PPA 1

Product overview

Name	(D)-PPA 1
Cat No	HB7226
Biological action	Inhibitor
Description	PD-1/PD-L1 interaction inhibitor

Biological Data

Biological description	PD-1/PD-L1 interaction inhibitor ($K_d = 0.51 \mu\text{M}$ at PD-L1). Inhibits tumor growth and prolongs survival time of mice in vivo.
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Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in water (2 mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	1555.67
Molecular Formula	$\text{C}_{70}\text{H}_{98}\text{N}_{20}\text{O}_{21}$
CAS Number	1620813-53-7

References

Blocking of the PD-1/PD-L1 Interaction by a D-Peptide Antagonist for Cancer Immunotherapy.

Chang HN et al (2015) Angewandte Chemie (International ed. in English) 54

PubMedID [26259671](#)

PD-1/PD-L1 pathway and angiogenesis dual recognizable nanoparticles for enhancing chemotherapy of malignant cancer.

Sun Z et al (2018) Drug delivery 25

PubMedID [30394118](#)
